

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
3 March 2005 (03.03.2005)

PCT

(10) International Publication Number
WO 2005/019462 A1

- (51) International Patent Classification⁷: **C12N 15/82**, 15/87, A01H 1/00
- (21) International Application Number: **PCT/US2003/025997**
- (22) International Filing Date: 18 August 2003 (18.08.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (71) Applicant (for all designated States except US): **CERES, INC.** [US/US]; 3007 Malibu Canyon Road, Malibu, CA 90265 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **FELDMAN, Kenneth** [US/US]; 3806 Calle Mazatlan, Newberry Park, CA 91320-1927 (US). **PENNELL, Roger** [US/US]; 29664 Zuma Bay Way, Malibu, CA 90265 (US). **KWOK, Shing** [US/US]; 22044 Clarendon Street #225, Woodland Hills, CA 91367 (US). **DANG, Van-Dinh** [VN/VN]; 274 Saint Croix Court, Oak Park, CA 91377 (US). **ZHANG, Hongyu** [CN/CN]; 3359 Mentone Avenue, Apt. 7, Los Angeles, CA 90034 (US).
- (74) Agent: **SVENSSON, Leonard, R.**; P.O. Box 747, Falls Church, VA 22040-0747 (US).
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**
- with international search report
 - before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: NUCLEOTIDE SEQUENCES AND POLYPEPTIDES ENCODED THEREBY USEFUL FOR INCREASING PLANT SIZE AND INCREASING THE NUMBER AND SIZE OF LEAVES

(57) Abstract: Isolated polynucleotides and polypeptides encoded thereby are described, together with the use of those products for making transgenic plants that are characterized by increased size, have an increased number and size of rosette leaves and are late-flowering.

WO 2005/019462 A1